

ARTICLE 24:06

SCHOOL BUSES

Chapter

24:06:01 General provisions, Repealed.

24:06:02 Certification requirements, Repealed.

24:06:03 Minimum school bus chassis standards, Repealed.

24:06:04 Minimum school bus body standards, Repealed.

24:06:05 Minimum special education bus standards, Repealed.

24:06:06 Operations, Repealed.

24:06:07 School bus standards.

24:06:08 School bus procedures.

Appendix A School Bus Standards, Repealed effective July 1, 1995.

Appendix B Seven-Step Inspection Method for Conducting Pretrip Inspections, Repealed effective July 1, 1995.

CHAPTER 24:06:01

GENERAL PROVISIONS

(Repealed. SL 1995, ch 86, § 3, effective July 1, 1995)

CHAPTER 24:06:02

CERTIFICATION REQUIREMENTS

(Repealed. SL 1995, ch 86, § 3, effective July 1, 1995)

CHAPTER 24:06:03

MINIMUM SCHOOL BUS CHASSIS STANDARDS

(Repealed. SL 1995, ch 86, § 3, effective July 1, 1995)

CHAPTER 24:06:04

MINIMUM SCHOOL BUS BODY STANDARDS

(Repealed. SL 1995, ch 86, § 3, effective July 1, 1995)

CHAPTER 24:06:05

MINIMUM SPECIAL EDUCATION BUS STANDARDS

(Repealed. SL 1995, ch 86, § 3, effective July 1, 1995)

CHAPTER 24:06:06

OPERATIONS

(Repealed. SL 1995, ch 86, § 3, effective July 1, 1995)

CHAPTER 24:06:07

SCHOOL BUS STANDARDS

Section

24:06:07:01	Applicability.
24:06:07:02	School bus standards.
24:06:07:03	Floor insulation.
24:06:07:04	Heating and air conditioning systems.
24:06:07:05	Sound and thermal insulation.
24:06:07:06	Windows, windshield, and glass.
24:06:07:07	Exits -- Emergency.

24:06:07:01. Applicability. This chapter provides minimum requirements for the construction and equipping of school buses manufactured into South Dakota after November 1, 1995. Requirements for school buses effective November 1, 1995, or later do not apply to buses delivered pursuant to contracts signed before November 1, 1995.

Source: 22 SDR 61, effective November 9, 1995.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6, 32-32-5.

24:06:07:02. School bus standards. The school bus chassis and body and specially equipped school buses must meet the specifications listed on pages 9 to ~~59~~ 63, inclusive, of the **National School Transportation Specifications & Procedures**, May ~~2000~~ 2005.

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective May 20, 2004.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: Pages 9 to ~~59~~ 63, **National School Transportation Specifications & Procedures**, May ~~2000~~ 2005 Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 201, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: ~~\$22~~ \$35.

24:06:07:03. Floor insulation. The floor of a school bus must be insulated in accordance with the following:

~~(1) Thermal insulation is required and shall be fire resistant and UL approved, with a minimum R-value of 5.5. Insulation shall be installed so as to prevent sagging;~~

~~——(2) Floor insulation is required and shall be five ply nominal 5/8 inch thick plywood, and it shall equal or exceed properties of the exterior type softwood plywood, C D Grade, as specified in the standard issued by U.S. Department of Commerce. When plywood is used, all exposed edges shall be sealed. Equivalent material may be used to replace plywood, provided it has an equal or greater insulation R-value, deterioration, sound abatement, and moisture resistance properties.~~

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective May 20, 2004.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "Insulation," page ~~32~~ 36. **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 201, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: ~~\$22~~ \$35.

24:06:07:04. Heating and air conditioning systems. Heaters must be provided in a school bus, air conditioning systems may be installed in accordance with the section entitled "Heating and Air Conditioning Systems" on pages ~~29~~ 32 to ~~34~~ 35 of the **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition. In addition, the following standards apply to school buses as defined in "School Bus Types" on page ~~6~~ 7 of the **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition:

(1) The minimum installation for a Type A bus is one front fresh air heater, utilizing the manufacturer's standard heater with a defroster core and a driver's deflector, and one or more rear recirculating underseat heaters with a minimum of 38,000 BTUs;

(2) The minimum installation for Type B and C buses is one left front fresh air heater with a defroster core and a driver's deflector with a minimum of 80,000 BTUs, one right cowl recirculating heater with a minimum of 50,000 BTUs. The minimum installation for a type D bus is one front fresh air heater with a defroster core and minimum of 80,000 BTUs, plus a drivers underseat heater with a minimum of 14,000 BTUs, and rear heaters for type B, C, and D buses are as follows:

(a) Buses with a capacity of less than 59 passengers must have a rear underseat recirculating heater with a minimum of 75,000 BTUs;

(b) Buses with a capacity of 59 passengers or more must have two rear underseat recirculating heaters or a combination of one midship and one rear, each having a minimum of 75,000 BTUs.

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective ~~May 20, 2004~~.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "School Bus Types," on page ~~6~~ 7 and "Heating and Air Conditioning Systems," pages ~~29~~ 32 to ~~34~~ 35. **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 201, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: ~~\$22~~ \$35.

24:06:07:05. Sound and thermal insulation. Sound and thermal insulation for a school bus must meet the following requirements:

(1) The side, roof, front, and rear body panels, including the corner and the roof bows, must be completely insulated to deaden sounds and vibrations and to reduce heat transfer;

(2) The insulation materials must have a minimum thermal insulation value equivalent to one and a half inches of fiberglass batts in addition to the sprayed-on sound-deadening materials.

Source: 22 SDR 61, effective November 9, 1995.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

24:06:07:06. Windows, windshield, and glass. All window openings and glass in the windows and doors of a school bus must comply with the section entitled "Windows" on page 44 48, Section A of the **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition. In addition, the following provisions apply:

(1) The driver's window, the first window on the left after the driver's window, the first window after the service door, and the windows in the service door must be frost-free (thermal) glass on Types B, C, and D buses; and

(2) The lower portion of the rear emergency door on Type A-2, B, C, and D buses must have an exposed glass area of not less than 350 square inches and must be covered by a protective screen inside.

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective May 20, 2004.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "Windows," page 44 48, **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 201, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: ~~\$22~~ \$35.

Cross-Reference: "School Bus Types," page ~~6~~ 7 **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition.

24:06:07:07. Exits -- Emergency. Emergency exits for a school bus must meet the following requirements:

(1) Emergency doors and other emergency exits must comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) 217, 49 C.F.R. § 571.217 (October 1, 1994);

*Please check on the most recent version from the Commission on Federal Regulations (CFR)

(2) Additional emergency door requirements are as follows:

~~(a) The upper portion of the emergency door must be equipped with safety glazing, the exposed area of which must be at least 400 square inches. The lower portion of the rear emergency door on Type B, C, and D vehicles must be equipped with a minimum of 350 square inches of safety glazing;~~

~~(b) There may be no steps leading to an emergency door;~~

~~(e) (a) The words "EMERGENCY DOOR" in letters at least two inches high must be placed at the top of or directly above the emergency door or on the door in the metal panel above the top glass, both inside and outside of the bus;~~

~~(d) Emergency doors must be equipped with padding at the top edge of each door opening. Padding must be at least three inches wide and one inch thick and extend the full width of the door opening;~~

~~(e) A side emergency door must meet the requirements in FMVSS 217, 49 C.F.R. § 571.217, S5.4.2.1(b) (October 1, 1994) regardless of its use with any other combination of emergency exits; and~~

~~_____ (f) The obstruction across the bottom of an emergency door opening may be no higher than one quarter inch;~~

~~_____ (3) Additional emergency exit requirements are as follows:~~

~~_____ (a) In addition to the rear emergency door or exit, Types A, B, C, and D vehicles must be equipped with emergency exits based on the indicated capacities of vehicles, as follows:~~

~~_____ (i) 0 to 42 passengers: one emergency exit for each side and one roof hatch;~~

~~_____ (ii) 43 to 78 passengers: two emergency exits for each side and two roof hatches;~~

~~_____ (iii) 79 to 90 passengers: three emergency exits for each side and two roof hatches;~~

(b) In addition to the audible warning required on emergency doors by FMVSS 217, *49 C.F.R. § 571.217, S5.3.3.1 (October 1, 1994) all other emergency exits, except roof hatches, must be protected with an audible warning. **Reference:** "Emergency Exits" page 29 and 30 of the **National School Transportation Specifications & Procedures 2005.**

Source: 22 SDR 61, effective November 9, 1995.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

CHAPTER 24:06:08

SCHOOL BUS PROCEDURES

Section

24:06:08:01 Training of school bus drivers and bus attendants.

24:06:08:02 Emergency procedures.

24:06:08:03 Maintenance records.

24:06:08:04 Operations.

24:06:08:05. CDL Required

24:06:08:06 Towing

24:06:08:07 Hours of Service

24:06:08:01. Training of school bus drivers and bus attendants. School bus operators must provide annual training for school bus drivers in accordance with the section entitled "Driver" pages 79 121 to 82 124 and the section entitled "Bus Attendant" pages 82 124 and 83 125, in the **National School Transportation Specifications & Procedures**, 2000 2005 Revised Edition. In addition, the following provisions apply:

(1) The State approved pre-service training program shall include a minimum of two hours of classroom training, which will include knowledge of basic first aid procedures, and two hours of behind-the-wheel training to enable safe and efficient vehicle operation;

(2) The annual State approved in-service program shall include a minimum of four hours of classroom and/or behind-the-wheel training.

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective May 20, 2004.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "Driver and Bus Attendant," pages 79 121 to 83 126, **National School Transportation Specifications & Procedures**, 2000 2005 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 201, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: \$22 \$35.

24:06:08:02. Emergency procedures. Each school bus driver, with administrative authorization, shall conduct emergency evacuation instruction and drills for school bus riders at least twice a year. The driver shall give an emergency evacuation drill or talk-through before each activity season. The school bus operator shall maintain a log containing the dates and times of drills. Additional emergency procedures must comply with the section entitled "F. Emergency & Rescue Procedures" on pages 99 133 to 102 137 of the **National School Transportation Specifications & Procedures**, 2000 2005 Revised Edition. Additional Emergency Evacuation procedures are also included in the South Dakota CDL Manual under section titled "School Buses", Section 10.

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective May 20, 2004.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "~~Section I.~~ Emergency & Rescue Procedures," pages 99 133 to 102 137 , **National School Transportation Specifications & Procedures**, 2000 2005 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 201, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: \$22 \$35.

24:06:08:03. Maintenance records and Daily Inspection. The owner of a school bus shall keep maintenance records on ~~the~~ each school bus. The inspection shall include the process as published in the section entitled "~~F. Drivers' Daily Inspection of Equipment~~" on pages 93 to 96 Responsibilities "J" pages 94 to 97 and maintenance records in the section titled "Operational Procedures" number 7 on page 112 in the **National School Transportation Specifications & Procedures**, 2000 2005 Revised Edition.

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective May 20, 2004.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "Section F, Drivers' Daily Inspection of Equipment," pages ~~93 94~~to ~~96 97~~ and ~~112~~, inclusive, **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 102, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: ~~\$22~~ \$35.

24:06:08:04. Operations. The following provides minimum requirements for the state and school districts to follow in accordance with the sections entitled "Introduction," "School Bus Use (~~the second paragraph is excluded~~)," "State Administration," and "Local School District Administration" on pages ~~75 83~~ to ~~79 93~~, in the **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition.

Source: 30 SDR 181, effective ~~May 20, 2004~~.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "Operations," pages ~~75 83~~ to ~~79 93~~, of the **National School Transportation Specifications & Procedures**, ~~2000~~ 2005 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 201, Central Missouri State University, Warrensburg, MO 64093, phone: (606) 543-4830. Cost: ~~\$22~~ \$35.

24:06:08:05. CDL Required Any vehicle meeting the definition of a school bus will require a Commercial Drivers License (CDL).

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

24:06:08:06 Towing Any vehicle meeting the definition of a school bus will not be allowed to tow any type of trailer or vehicle with passengers on the bus.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

24:06:08:07 Hours of Service Any driver driving a vehicle that meets the definition of a school bus, school activity bus or any vehicle with a capacity of ten passengers or more involved with school related activities will be required to follow the Federal Motor Carriers Safety Association (FMSCA) Hours of Service.

General Authority: SDCL 13-29-2, 13-29-6,.

Law Implemented: SDCL 13-29-2, 13-29-6, 49-28A-3.

Reference: Resolution No. 11: Hours of Service 2005. SDCL 49-28A-3

